| | Application Number | Filing Date |
|---|---|---|
| | 09 907008 | |
| | Applicant(s) | |

12 503

* May be used for additional claims or amendments

| CLAIMS | AS FILED | | AFTER FIRST AMENDMENT | | AFTER SECOND AMENDMENT | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Indep | Depend | Indep | Depend | Indep | Depend | | Indep | Depend | Indep | Depend | Indep | Depend |
| 20 1 | | | | | | | 2 51 | | | | | | |
| 2 | | | | | | | 52 | | | | | | |
| 3 | | | | | | | 53 | | | | | | |
| 4 | | | | | | | 54 | | | | | | |
| 5 | | | | | | | 55 | | | | | | |
| 6 | | | | | | | 56 | | | | | | |
| 7 | | | | | | | 57 | | | | | | |
| 8 | | | | | | | 58 | | | | | | |
| 9 | | | | | | | 59 | | | | | | |
| 10 | | | | | | | 60 | | | | | | |
| 11 | | | | | | | 61 | | | | | | |
| 12 | | | | | | | 62 | | | | | | |
| 13 | | | | | | | 63 | | | | | | |
| 14 | | | | | | | 64 | | | | | | |
| 15 | | | | | | | 2 65 | | | | | | |
| 16 | | | | | | | 66 | | | | | | |
| 17 | | | | | | | 67 | | | | | | |
| 18 | | | | | | | 68 | | | | | | |
| 19 | | | | | | | 69 | | | | | | |
| 20 | | | | | | | 70 | | | | | | |
| 21 | | | | | | | 71 | | | | | | |
| 22 | | | | | | | 72 | | | | | | |
| 23 | | | | | | | 73 | | | | | | |
| 24 | | | | | | | 74 | | | | | | |
| 25 | | | | | | | 75 | | | | | | |
| 26 | | | | | | | 76 | | | | | | |
| 27 | | | | | | | 77 | | | | | | |
| 28 | | | | | | | 78 | | | | | | |
| 29 | | | | | | | 79 | | | | | | |
| 30 | | | | | | | 80 | | | | | | |
| 31 | | | | | | | 81 | | | | | | |
| 32 | | | | | | | 82 | | | | | | |
| 33 | | | | | | | 83 | | | | | | |
| 34 | | | | | | | 84 | | | | | | |
| 35 | | | | | | | 85 | | | | | | |
| 36 | | | | | | | 86 | | | | | | |
| 37 | | | | | | | 87 | | | | | | |
| 38 | | | | | | | 88 | | | | | | |
| 39 | | | | | | | 89 | | | | | | |
| 40 | | | | | | | 90 | | | | | | |
| 41 | | | | | | | 91 | | | | | | |
| 42 | | | | | | | 92 | | | | | | |
| 43 | | | | | | | 93 | | | | | | |
| 44 | | | | | | | 94 | | | | | | |
| 45 | | | | | | | 95 | | | | | | |
| 46 | | | | | | | 96 | | | | | | |
| 47 | | | | | | | 97 | | | | | | |
| 48 | | | | | | | 98 | | | | | | |
| 49 | | | | | | | 99 | | | | | | |
| 2 50 | | | | | | | 3 100 | | | | | | |
| Total Indep | | | | | | | Total Indep | | | 7 | | | |
| Total Depend | | | | | | | Total Depend | | | 109 | | | |
| Total Claims | | | | | | | Total Claims | | | 116 | | | |

3

# CLAIMS ONLY

| SERIAL NO. | FILING DATE |
|---|---|
| 09907008 | 07-16-01 |

APPLICANT(S)

12505

## CLAIMS

| | AS FILED | | AFTER 1st AMENDMENT | | AFTER 2nd AMENDMENT | | | * | | * | | * | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | IND. | DEP. | IND. | DEP. | IND. | DEP. | | IND. | DEP. | IND. | DEP. | IND. | DEP. |
| 1 | | | | | | | 51 | | 1 | | | | |
| 2 | | | | | | | 52 | | 1 | | | | |
| 3 | | | | | | | 53 | | 1 | | | | |
| 4 | | | | | | | 54 | | 1 | | | | |
| 5 | | | | | | | 55 | | 1 | | | | |
| 6 | | | | | | | 56 | | 1 | | | | |
| 7 | | | | | | | 57 | | 1 | | | | |
| 8 | | | | | | | 58 | | 1 | | | | |
| 9 | | | | | | | 59 | | 1 | | | | |
| 10 | | | | | | | 60 | | 1 | | | | |
| 11 | | | | | | | 61 | | 1 | | | | |
| 12 | | | | | | | 62 | | 1 | | | | |
| 13 | | | | | | | 63 | | 1 | | | | |
| 14 | | | | | | | 64 | | 1 | | | | |
| 15 | | | | | | | 65 | | 1 | | | | |
| 16 | | | | | | | 66 | | 1 | | | | |
| 17 | | | | | | | 67 | | 1 | | | | |
| 18 | | | | | | | 68 | | 1 | | | | |
| 19 | | | | | | | 69 | | 1 | | | | |
| 20 | | | | | | | 70 | | 1 | | | | |
| 21 | | | | | | | 71 | | 1 | | | | |
| 22 | | | | | | | 72 | | 1 | | | | |
| 23 | | | | | | | 73 | | 1 | | | | |
| 24 | | | | | | | 74 | | | | | | |
| 25 | | | | | | | 75 | | 1 | | | | |
| 26 | | | | | | | 76 | | 1 | | | | |
| 27 | | | | | | | 77 | 1 | | 1 | | | |
| 28 | | | | | | | 78 | | 1 | | 1 | | |
| 29 | | | | | | | 79 | | 1 | | | | |
| 30 | | | | | | | 80 | 1 | | 1 | | | |
| 31 | | | | | | | 81 | | 1 | | 1 | | |
| 32 | | | | | | | 82 | | 1 | | | | |
| 33 | | | | | | | 83 | 1 | | 1 | | | |
| 34 | 1 | | | | | | 84 | 1 | | 1 | | | |
| 35 | | 1 | | | | | 85 | | 1 | | | | |
| 36 | | 1 | | | | | 86 | | 1 | | | | |
| 37 | | 1 | | | | | 87 | | 1 | | | | |
| 38 | | 1 | | | | | 88 | | 1 | | | | |
| 39 | | 1 | | | | | 89 | | 1 | | | | |
| 40 | | 1 | | | | | 90 | | 1 | | | | |
| 41 | | 1 | | | | | 91 | | 1 | | | | |
| 42 | | 1 | | | | | 92 | | 1 | | | | |
| 43 | | 1 | | | | | 93 | | 1 | | | | |
| 44 | | 1 | | | | | 94 | | 1 | | | | |
| 45 | | 1 | | | | | 95 | | 1 | | | | |
| 46 | | 1 | | | | | 96 | | 1 | | | | |
| 47 | | 1 | | | | | 97 | | 1 | | | | |
| 48 | | 1 | | | | | 98 | | 1 | | | | |
| 49 | | 1 | | | | | 99 | | 1 | | | | |
| 50 | 1 | | 1 | | | | 100 | | 1 | | | | |
| TOTAL IND. | 8 | | | | | | TOTAL IND. | | | | | | |
| TOTAL DEP. | 63 | | | | | | TOTAL DEP. | | | | | | |
| TOTAL CLAIMS | 71 | | | | | | TOTAL CLAIMS | | | | | | |

*MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)

2

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

*U.S. GPO: 1998-443-593/89152

# CLAIMS ONLY

| SERIAL NO. | FILING DATE |
|---|---|
| 09903008 | 01-16-01 |

APPLICANT(S)

120305

## CLAIMS

| | AS FILED | | AFTER 1st AMENDMENT | | AFTER 2nd AMENDMENT | | | | * | | * | | * | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | IND. | DEP. | IND. | DEP. | IND. | DEP. | | | IND. | DEP. | IND. | DEP. | IND. | DEP. |
| 0 1 | | 1 | | | | | 51 | | | | | | | |
| 0 2 | | 1 | | | | | 52 | | | | | | | |
| 0 3 | 1 | 1 | | | | | 53 | | | | | | | |
| 4 | 1 | | | | | | 54 | | | | | | | |
| 5 | | | | | | | 55 | | | | | | | |
| 6 | | | | | | | 56 | | | | | | | |
| 7 | | | | | | | 57 | | | | | | | |
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| 11 | | | | | | | 61 | | | | | | | |
| 12 | | | | | | | 62 | | | | | | | |
| 13 | | | | | | | 63 | | | | | | | |
| 14 | | | | | | | 64 | | | | | | | |
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| 18 | | | | | | | 68 | | | | | | | |
| 19 | | | | | | | 69 | | | | | | | |
| 20 | | | | | | | 70 | | | | | | | |
| 21 | | | | | | | 71 | | | | | | | |
| 22 | | | | | | | 72 | | | | | | | |
| 23 | | | | | | | 73 | | | | | | | |
| 24 | | | | | | | 74 | | | | | | | |
| 25 | | | | | | | 75 | | | | | | | |
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| 30 | | | | | | | 80 | | | | | | | |
| 31 | | | | | | | 81 | | | | | | | |
| 32 | | | | | | | 82 | | | | | | | |
| 33 | | | | | | | 83 | | | | | | | |
| 34 | | | | | | | 84 | | | | | | | |
| 35 | | | | | | | 85 | | | | | | | |
| 36 | | | | | | | 86 | | | | | | | |
| 37 | | | | | | | 87 | | | | | | | |
| 38 | | | | | | | 88 | | | | | | | |
| 39 | | | | | | | 89 | | | | | | | |
| 40 | | | | | | | 90 | | | | | | | |
| 41 | | | | | | | 91 | | | | | | | |
| 42 | | | | | | | 92 | | | | | | | |
| 43 | | | | | | | 93 | | | | | | | |
| 44 | | | | | | | 94 | | | | | | | |
| 45 | | | | | | | 95 | | | | | | | |
| 46 | | | | | | | 96 | | | | | | | |
| 47 | | | | | | | 97 | | | | | | | |
| 48 | | | | | | | 98 | | | | | | | |
| 49 | | | | | | | 99 | | | | | | | |
| 50 | | | | | | | 100 | | | | | | | |
| TOTAL IND. | 2 | | | | | | TOTAL IND. | | | | | | | |
| TOTAL DEP. | | | | | | | TOTAL DEP. | | | | | | | |
| TOTAL CLAIMS | 2 | | | | | | TOTAL CLAIMS | | | | | | | |

*MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)

1

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

*U.S. GPO: 1996-443-593/89152